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Part Number:

0014562051

Status:

Active

Overview:

SL Modular Connectors

Description:

2.54mm Pitch SL Insulation Displacement Connector Assembly, Female, Single Row, Version A, Non-polarized, Wire Size 24 AWG, 0.38µm Gold (Au), 5 Circuits

Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

Packaging Specification PK-70873-0001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		Ribbon Cable / Wire Trap Connectors
Series		70400
Comments		Terminals Preloaded
Component Type		Housing
Glow-Wire Capable		No
Overview		SL Modular Connectors
Product Name		SL
UPC		800754215794

Physical		
Circuits (Loaded)		5
Color - Resin		Black
Durability (mating cycles max)		50
Entry Angle		Vertical
Flammability		94V-0
Lock to Mating Part		None
Material - Metal		Phosphor Bronze
Material - Plating Mating		Gold
Material - Plating Termination		Tin
Material - Resin		Polyester Alloy
Net Weight		1.809/g
Number of Rows		1
PCB Retention		None
Packaging Type		Tube
Pitch - Mating Interface		2.54mm
Plating min - Mating		0.381µm
Plating min - Termination		1.905µm
Polarized to Mating Part		No
Stackable		Yes
Surface Mount Compatible (SMC)		N/A
Temperature Range - Operating		-40° to +105°C
Termination Interface: Style		IDT or Pierce
Wire Insulation Diameter		1.35mm max.
Wire Size AWG		24
Wire/Cable Type		Discrete Wire, Ribbon Cable

Electrical		
Current - Maximum per Contact		3.0A
Voltage - Maximum		250V

Material Info		
Engineering Number		704000529



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2020)9139-DC (19 Jan 2021)	
Halogen-Free	
Status	
Not Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

70400 Series

Mates With

Single Row Headers and Housings, [8624](#) , [70203](#) , [42375](#) , [42377](#)

Use With

[7307](#) Tinned 28AWG, [7767](#) Topcoat 28AWG, [24241](#) Tinned 26AWG, [8996](#) Topcoat 26AWG, [24226](#) Tinned 24AWG, [8997](#) Topcoat 24AWG, [24369](#) High Flex 26AWG, [24389](#) High Flex 24AWG

Application Tooling FAQ	
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.	
Global	
Description	Product #
IDT - Semi-automatic	11200949
- Bench-Top Terminator	

Reference - Drawing Numbers

Packaging Specification
Sales Drawing

PK-70873-0001-001
SD-70400-010, SDA-70400-0526-0549

IDT Discrete	<u>621000700</u>
Handtool Module	
Ribbon Cable Tool	<u>622016600</u>
Kit, Press Not	
Included	
Hawk Ribbon Cable	<u>623003000</u>
Terminator without	
Break-off	
Hawk Semi-	<u>623003100</u>
Automatic Discrete	
Wire Terminator	
Hawk Semi-	<u>623004900</u>
Automatic Discrete	
Wire Terminator	
for Rebuilt CE	
Approved*	
Hawk Flat Flex Cable	<u>623005200</u>
Terminator with	
Break-off	
Hawk Ribbon Cable	<u>623005300</u>
Terminator with	
Break-off	

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